

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method for external localization of anomalies located in an immersed hollow structure ~~(PL)~~, which anomalies were detected beforehand by a device ~~(R<sub>TE</sub>)~~ moving inside said immersed hollow structure, and positioned by counting from an origin, marks located at regular intervals accessible from the inside and outside of said immersed hollow structure ~~(PL)~~, ~~characterized in that it consists~~ consisting of:

- a. defining by counting, from the same aforesaid origin, a mark accessible on the outside of the immersed hollow structure,
- b. positioning a transponder module ~~(T)~~ on the aforesaid mark,
- c. identifying the transponder module ~~(T)~~ by an identification code,
- d. determining the number of marks separating said anomalies and said identified transponder module ~~(T)~~.

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2. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the immersed hollow structure ~~(PL)~~ is a submarine pipeline.

3. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the marks located at regular intervals accessible inside and outside of said immersed hollow structure ~~(PL)~~ are welds connecting metal sections forming the envelope of the hollow structure ~~(PL)~~.

4. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein a transponder ~~(T)~~ is located near one aforesaid weld.

5. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the identification of the transponder module by an identification code is carried out via a reading and writing device ~~(D<sub>BM</sub>)~~.

6. (Currently Amended) The method according to claim 5, ~~characterized in that~~ wherein the identification of the

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transponder module by an identification code is carried out at a frequency between 1 kHz and 150 kHz, preferably at 125 kHz and 134.2 kHz and at a power between 1 W and 100 W, preferably between 4 W and 20 W.

7. (Currently Amended) The method according to claim 5, ~~characterized in that~~ wherein the reading and writing device ~~(D<sub>RM</sub>)~~ comprises storage means and remote transmission means.

8. (Currently Amended) A device for applying the method according to claim 1, for external localization of anomalies located in an immersed hollow structure ~~(PL)~~, which anomalies were detected beforehand by a device ~~(R<sub>TE</sub>)~~ moving inside said immersed hollow structure ~~(PL)~~, and positioned by counting from an origin, marks located at regular intervals, accessible from the inside and outside of said immersed hollow structure ~~(PL)~~, ~~characterized in that it comprises~~ said device comprising :

- a. means for defining by counting, from the same aforesaid origin, a mark accessible on the outside of the immersed hollow structure ~~(PL)~~,

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- b. means for positioning a transponder module ~~(T)~~ on the aforesaid mark,
- c. means for identifying the transponder module ~~(T)~~ by an identification code,
- d. means for determining the number of marks separating said anomalies and said identified transponder module ~~(T)~~.

9. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for positioning the transponder module on the aforesaid mark comprise an open collar ~~(2)~~ made in a flexible material unaffected by seawater.

10. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for positioning the transponder module on the aforesaid mark, comprise a strap made in a flexible material unaffected by seawater.

11. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for

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positioning the transponder module on the aforesaid mark consist in a bond unaffected by seawater.

12. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for positioning the transponder module on the aforesaid mark comprise a sealing member ~~(2)~~ in the concrete or the coating resin of said immersed hollow structure.

13. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the means for identifying the transponder module by an identification code comprise a reading and writing device ~~(D<sub>BM</sub>)~~.

14. (Currently Amended) The device according to claim 11, ~~characterized in that~~ wherein the aforesaid reading and writing device ~~(D<sub>BM</sub>)~~ may write initial data in the transponder module before immersion.

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15. (Currently Amended) The device according to claim 8, ~~characterized in that~~ wherein the immersed structure ~~(PL)~~ is a flexible or rigid submarine pipeline, or a submarine cable.